| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|----------|--------|---|---|---------------------|---------|------------------|
| L1 | 526364 | (repair\$5 fix\$5 correct\$5 defect\$5 detect\$5) same (pixel\$5 capacit\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 15:45 |
| L2 | 450679 | ((in adj plane adj switching) (in-plane adj switching) IPS) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 15:45 |
| L3 | 27394 | L1 and L2 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 15:45 |
| L4 | 1741 | 3 and ((common adj (line storage electrode)) (capacit\$5 adj (electrode terminal storage))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 15:48 |
| L5 | 636 | 4 and (lcd (liquid adj crystal)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 15:50 |
| L7 | 178 | 3 and 349/54,192,141.ccls. | US-PGPUB; USPAT | OR | ON | 2005/04/27 15:58 |
| L8 | 1 | ("20010052889").PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/27 16:43 |
| L9 | 1 | ("20040183976").PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/27 17:51 |
| L10 | 1012 | (((pixel adj electrode) and (common adj electrode)) with (formed forming)) same ((conductive adj layer) ITO) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 18:03 |
| L11 | 304 | 2 and 10 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 17:55 |

| L12 | 304 | 11 and (lcd (liquid adj crystal)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 17:56 |
|-----|-----|-----------------------------------|---|----|-----|------------------|
| L13 | 256 | 11 and "349"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 17:56 |
| L14 | 105 | 11 and "349"/141.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 17:56 |
| L15 | 1 | ("6784965").PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/27 18:03 |

| Ref | Hits | Search Query | DBs | Default | Plurals | Time Stamp |
|-----|--------|---|---|----------|---------|------------------|
| # | 1110 | Search Query | DBS | Operator | riulais | Time Stamp |
| S5 | 450679 | ((in adj plane adj switching) (in-plane adj switching) IPS) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/26 19:18 |
| S6 | 78515 | S5 and (capacit\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 15:26 |
| S8 | 2164 | S5 and ((common adj line) (common adj storage) (capacitor adj electrode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/26 16:26 |
| S10 | 330 | S8 and "349"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/26 16:27 |
| S11 | 559 | S8 and (Icd (liquid adj crystal)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/26 16:27 |
| S12 | 217 | S8 and "349"/141.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/26 21:11 |
| S13 | 8 | (("20010032986") or ("20020171796") or ("20030086044") or ("20040046919") or ("20040080700") or ("6208399") or ("6091473") or ("5907379")). PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/26 17:14 |
| S14 | 6 | (("20020008799") or ("20020191138") or ("6830494") or ("6784965") or ("6630977") or ("6704082")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/26 17:20 |
| S15 | 5 | (("6441401") or ("6191832") or ("5995178") or ("20020047977") or ("20010002146")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/26 17:48 |

| 616 | Γ . | (11040402211) 524 | | 1 | | 2005/6: ::- |
|-----|--------|---|---|----|-----|------------------|
| S16 | 1 | ("6191832").PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/26 17:48 |
| S17 | 10 | ("4688896" "4938567" "5006106" "5303074" "5343216" "5585951" "5641974" "5734450" "5825438" "5995178").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/26 17:49 |
| S18 | 5036 | S6 and (lcd (liquid adj crystal)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/26 18:57 |
| S19 | 4876 | S18 not S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/26 18:58 |
| S21 | 498 | S19 and ((electric adj field) with parallel) | US-PGPUB; USPAT | OR | ON | 2005/04/26 19:01 |
| S22 | 1 | ("20010002146").PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/26 19:01 |
| S25 | 648 | S19 and "349"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/26 19:20 |
| S26 | 790 | 349/141.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/26 21:11 |
| S28 | 2 | (("20030030768") or ("5173792")).PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/26 21:15 |
| 529 | 15 | ("3532813" "4431271" "4630082" "4639087" "4717244" "4728172" "4728175" "4748445" "4762398" "4820222" "4851827" "4936656" "4938566" "5042916").PN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/04/26 21:17 |
| S30 | 450679 | ((in adj plane adj switching) (in-plane adj switching) IPS) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 14:58 |

| | | | | | 1 | |
|-----|-------|--|---|----|-----|------------------|
| S31 | 78515 | S30 and (capacit\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 14:58 |
| S32 | 2164 | S30 and ((common adj line) (common adj storage) (capacitor adj electrode)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 14:58 |
| S33 | 217 | S32 and "349"/141.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 14:58 |
| S34 | 5036 | S31 and (lcd (liquid adj crystal)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 14:58 |
| S35 | 4876 | S34 not S33 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 14:58 |
| S36 | 648 | S35 and "349"/\$.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 14:58 |
| S37 | 790 | 349/141.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 14:58 |
| S38 | 600 | S37 not S36 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/04/27 15:24 |
| S40 | 1 | ("6753935").PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/27 15:42 |
| S41 | 1 | ("20010052889").PN. | US-PGPUB; USPAT | OR | OFF | 2005/04/27 15:30 |